

# FILED INFORMATION

Entered in NID File	_____	Checked by Chief	_____
Entered on S R Sheet	_____	Copy NID to Field Office	_____
Location Map Pinned	_____	Approval Letter	_____
Card Indexed	_____	Disapproval Letter	_____
IWR for State or Fee Land	_____		

## COMPLETION DATA:

Date Well Completed	<u>11-25-56</u>	Location Inspected	_____
OW _____	WW _____	TA _____	Bond released _____
GW _____	OS _____	PA <input checked="" type="checkbox"/>	State of Fee Land _____

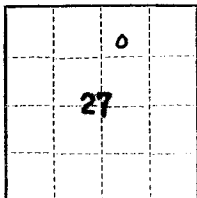
## LOGS FILED

Driller's Log 12-356

Electric Logs (No. 1) 3

E <input checked="" type="checkbox"/>	I <input checked="" type="checkbox"/>	E-I _____	GR _____	GR-N _____	Micro <input checked="" type="checkbox"/>
Lat. <input checked="" type="checkbox"/>	Mi-L _____	Sonic _____	Others _____		

*Subsequent Report of Handoverment*



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office

Lease No.

Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Castlegate-Federal

October 5, 19 56

Well No. 1 is located 748 ft. from [N] line and 2098 ft. from [E] line of sec. 27

NW NE Sec. 27

(1/4 Sec. and Sec. No.)

12S

(Twp.)

10E

(Range)

SIM

(Meridian)

Castlegate WC

(Field)

Carbon

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. (To be run)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to test the Mesa Verde formation to a depth of approximately 2850' unless commercial production is found at a lesser depth. Surface formation is the Wasatch.

Surface casing approximately 400' of 10-3/4" H-40 Seamless Casing cemented to surface. Oil string required amount of 7" OD J-55 Seamless Casing cemented with sufficient volume to protect all possible pay zones.

Lime base mud will be used under surface to total depth. All oil and gas shows will be Drill Stem Tested. Electric logs, etc., will be run before setting casing or abandoning well. Stimulation treatments such as acidizing, fracturing, etc., may be employed.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 472

Vernal, Utah

By

Title District Superintendent

The Carter Oil Company  
Box 472  
Vernal, Utah

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Castlegate-Federal 1, which is to be located 748 feet from the north line and 2098 feet from the east line of Section 27, Township 12 South, Range 10 East, SIM, Carbon County.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

However, said approval is conditional upon a plat being submitted in accordance with Rule C-4, General Rules and Regulations and Rules of Practice and Procedure, Oil and Gas Conservation Commission, State of Utah.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
SECRETARY

CBF:en

cc: Don Russell, Dist. Eng.  
USGS, Federal Building  
Salt Lake City, Utah

Carter

# THE CARTER OIL COMPANY

Box 472  
Vernal, Utah  
October 11, 1956

The State of Utah  
Oil & Gas Conservation Commission  
Salt Lake City 14, Utah

Attention: Cleon B. Feight, Secretary

Dear Sir:

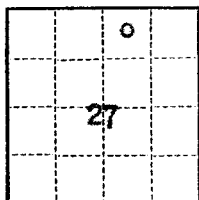
Re your letter of October 8, 1956, attached is a plat showing the proposed location of our Castlegate-Federal No. 1, which is located in the NW NE 1/4 Section 27-12S-10E, SLM, Carbon County, Utah.

There has been no previous wells drilled in this area.

Very truly yours,

B. M. BRADLEY

By: *Chas. C. Johnson*



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-06512

Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Report of setting 8-5/8" Casing</u>	<u>x</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 26, 1956

Government-Dial #1 \*  
Well No. 1 is located 748 ft. from N line and 2098 ft. from E line of sec. 27

NW NE Sec. 27 (1/4 Sec. and Sec. No.)      12S (Twp.)      10E (Range)      SLM (Meridian)  
Castlegate WC (Field)      Carbon (County or Subdivision)      Utah (State or Territory)

The elevation of the Kelly bushing above sea level is 7427 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded well at 11:00 AM 10-18-56.  
Ran 279' of 8-5/8" 24# J-55 casing set at 291', scratchers at 290-275', centralizers 273 and 200', float at 257'. Cemented with 170 sacks, pumped plug @ 1000# to 257'.

\* Castlegate Federal #1 is now called Government-Dial #1.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

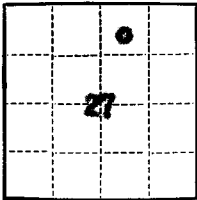
Company The Carter Oil Company

Address P. O. Box 472

Vernal, Utah

By B. M. Bradley

Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-06512

Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
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NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Report of Drill Stem Test</u>	<u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 13, 1956

19

Government-Rial

Well No. 1 is located 718 ft. from [N] line and 2098 ft. from [E] line of sec. 27

NW 1/4 Sec 27

(1/4 Sec. and Sec. No.)

12S

(Twp.)

10E

(Range)

S1M

(Meridian)

Castlegate WC

(Field)

Carbon

(County or Subdivision)

Utah

(State or Territory)

The elevation of the Kelly Bushing ~~drainage flow~~ above sea level is 7472' ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TEST #1 - TD 1,899' - packer at 1878' - Tool open 2 hours shut in 30 minutes. Good initial blow dead in 16-1/2 minutes. Recovered 118' water cut mud, no shows. LFP 50%, FFP 70%, SIP 490%, Hydrostatic 860%.

TEST #2 - TD 2,387' - packer at 2360' - Tool open 2 hours 5 minutes, shut in 30 minutes. Good initial blow decreased to faint blow in 6 minutes, dead in 10 minutes. Recovered 50' drilling fluid, no shows. All pressures 0, Hydrostatic 1130%.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

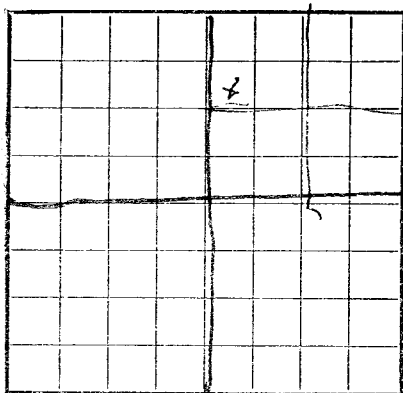
Address Box 472

Vernal, Utah

By \_\_\_\_\_

B M Bradley  
Title District Superintendent

COPY (THESE) B. M. BRADLEY



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

U. S. LAND OFFICE \_\_\_\_\_  
SERIAL NUMBER \_\_\_\_\_  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

## LOG OF OIL OR GAS WELL

Company The Carter Oil Company Address Box 472, Vernal, Utah  
Lessor or Tract Government-Dial Field Castle Gate WC State Utah  
Well No. 1 Sec. 27 T. 12S R. 10E Meridian SLM County Carbon  
Location 748 ft. N of S Line and 2098 ft. E of E Line of Sec 27 Elevation 7426'  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_

Date NOV 23 1955 Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling 10-18-56, 19\_\_\_\_ Finished drilling 11-25-56, 19\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from None to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24#	8rd	J55	279' *	HOWCO	-			Surface
				*Thds Off					

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	291'	170	Halliburton		

Heaving plug—Material ..... Length ..... Depth set .....  
 Adapters—Material ..... Size .....

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

## TOOLS USED

Rotary tools were used from 0 feet to 3154 feet, and from ..... feet to ..... feet  
 Cable tools were used from 0 feet to ..... feet, and from ..... feet to ..... feet

## DATES

D&A 11-25-56, 19..... Put to producing ..... 19.....

The production for the first 24 hours was ..... barrels of fluid of which .....% was oil; .....% emulsion; .....% water; and .....% sediment. Gravity, °Bé. ....

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. ....

## EMPLOYEES

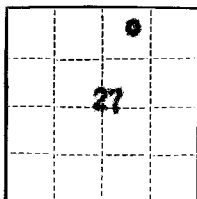
J. B. Latham ..... Driller L. D. Hatch ..... Driller  
M. F. Emerson ..... Driller ..... Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	638	638'	Wasatch: Shales and sandstones interbedded
638	1710	1072'	Upper Price River - Sandstones with interbedded gray shales, some coal
1710	1900	190'	Castlegate - Gray fine grained sandstone
1900	2620	720'	Black Hawk - gray shales with occasional sandstone and coals
2620	2780'	160'	Star Point - Gray sandstone
2780	3154 TD	374'	Mancos - Gray silty shale

[OVER]





(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office SLC  
Lease No. U-06512  
Unit \_\_\_\_\_

*Notes  
Calk  
8-14-57*

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 9, 1957, 19\_\_

Government Dial  
Well No. 1 is located 743 ft. from [N] line and 2092 ft. from [E] line of sec. 27  
N: NE Section 27 12S 10E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Castlegate WC Carbon Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. 7472' KP

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well plugged and abandoned as follows:  
Cement plugs 25 sacks - 2000-2081'  
25 sacks - 261-331'  
10 sacks - 30' to surface  
Erected 4" dry hole marker - Filled pits and cleaned location.  
Ready for inspection.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company  
Address Box 444  
Durango, Colorado  
By B M Bradley  
Title District Superintendent

The map shows a grid of land sections, each with its own owner and survey data. The sections are numbered 1 through 36. The map is titled 'T 12 S' on the left side. The sections are colored in various shades of yellow, orange, and pink. The map also shows various survey lines, bearings, and distances. A large 'X' is drawn across the map, indicating a boundary or survey line. The map is titled 'T 12 S' on the left side.